

Appl. No. 10/693,056
Amdt. dated April 12, 2006
Preliminary Amendment

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-94. (canceled)

95. (new) A method for producing a polypeptide, said method comprising, expressing a nucleic acid encoding a polypeptide, thereby recombinantly expressing the polypeptide;
wherein the polypeptide comprises a first LDL-receptor class A monomer domain and a second LDL-receptor class A monomer domain,
wherein the first and second LDL-receptor class A monomer domain each have a binding specificity for a target molecule,
wherein the two domains are linked by a heterologous linker, and
wherein each of first and second the LDL-receptor class A monomer domains comprise the following sequence:

C-X₍₃₋₁₅₎-C-X₍₄₋₁₅₎-C-X₍₆₋₇₎-C-[N,D]-X₍₃₎-[D,E,N,Q,H,S,T]-C-X₍₄₋₆₎-D-E-X₍₂₋₈₎-C
(SEQ ID NO:331).

96. (new) The method of claim 95, wherein the nucleic acid is expressed in a bacterial cell.

97. (new) The method of claim 96, wherein the bacterial cell is an *E. coli* cell.

98. (new) The method of claim 95, wherein the nucleic acid is expressed on the surface of a phage.

99. (new) The method of claim 95, wherein the nucleic acid is expressed in a mammalian cell.

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100. (new) The method of claim 95, further comprising submitting the polypeptide to conditions that refold the polypeptide.
101. (new) The method of claim 95, further comprising dialyzing the polypeptide.
102. (new) The method of claim 95, wherein the first LDL-receptor class A monomer domain has binding specificity for a binding site on a first target molecule and the second LDL-receptor class A monomer domain has binding specificity for a binding site on a second target molecule.
103. (new) The method of claim 95, wherein the first LDL-receptor class A monomer domain has binding specificity for a first binding site on a target molecule and the second LDL-receptor class A monomer domain has binding specificity for a second binding site on the same target molecule.
104. (new) The method of claim 95, wherein the polypeptide further comprises a third LDL receptor class A monomer domains.
105. (new) The method of claim 104, wherein the polypeptide further comprises a fourth LDL receptor class A monomer domain.
106. (new) The method of claim 95, wherein the LDL receptor class A monomer domains are derived from human monomer domains.
107. (new) The method of claim 95, wherein the heterologous linker is between 1-20 amino acids.